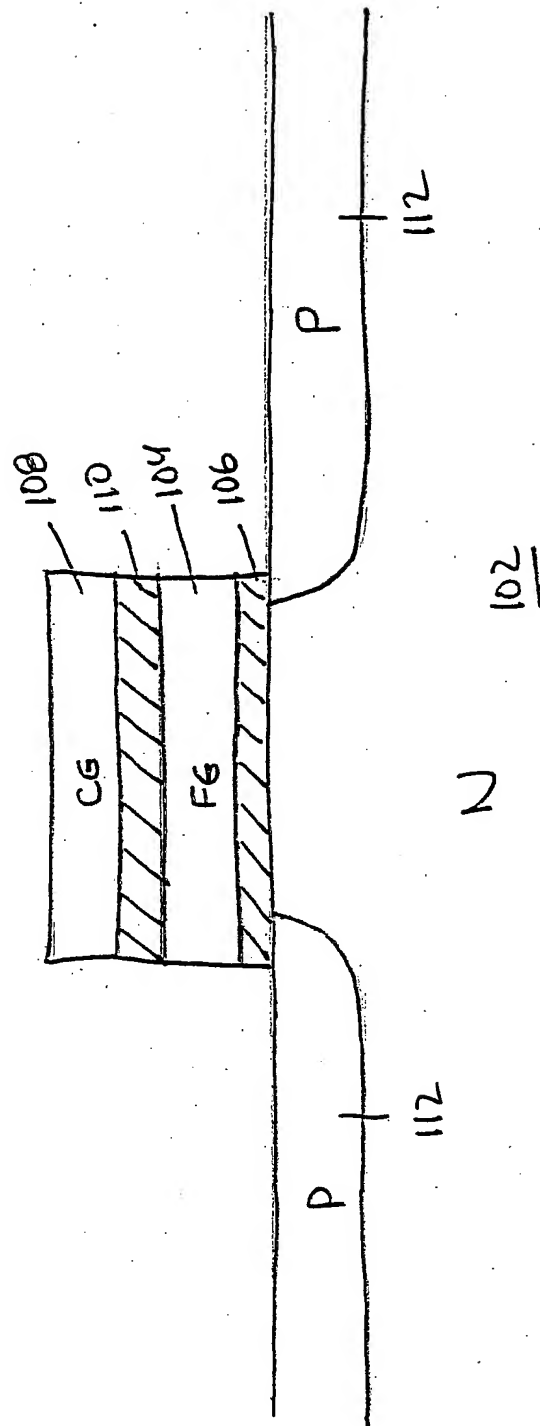


100



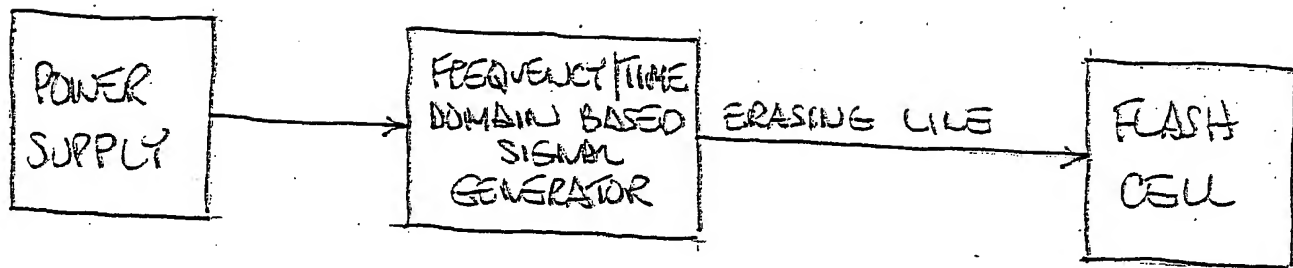


FIG. 2A

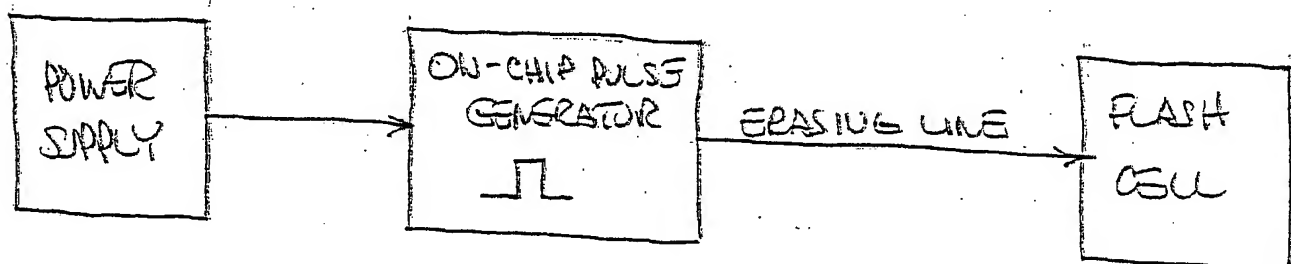


FIG. 2B

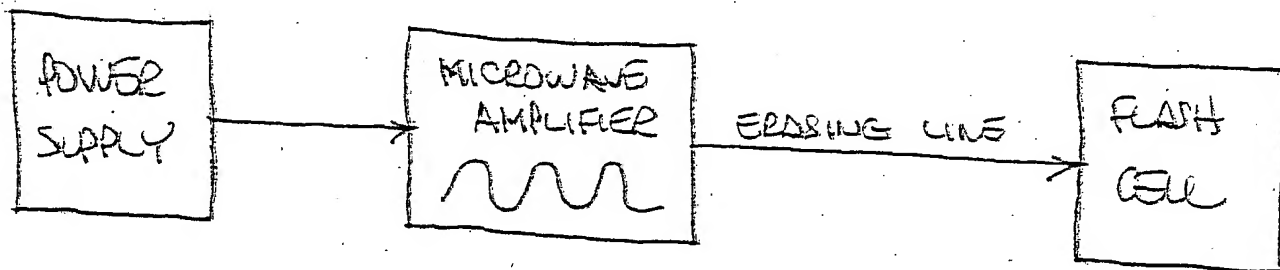
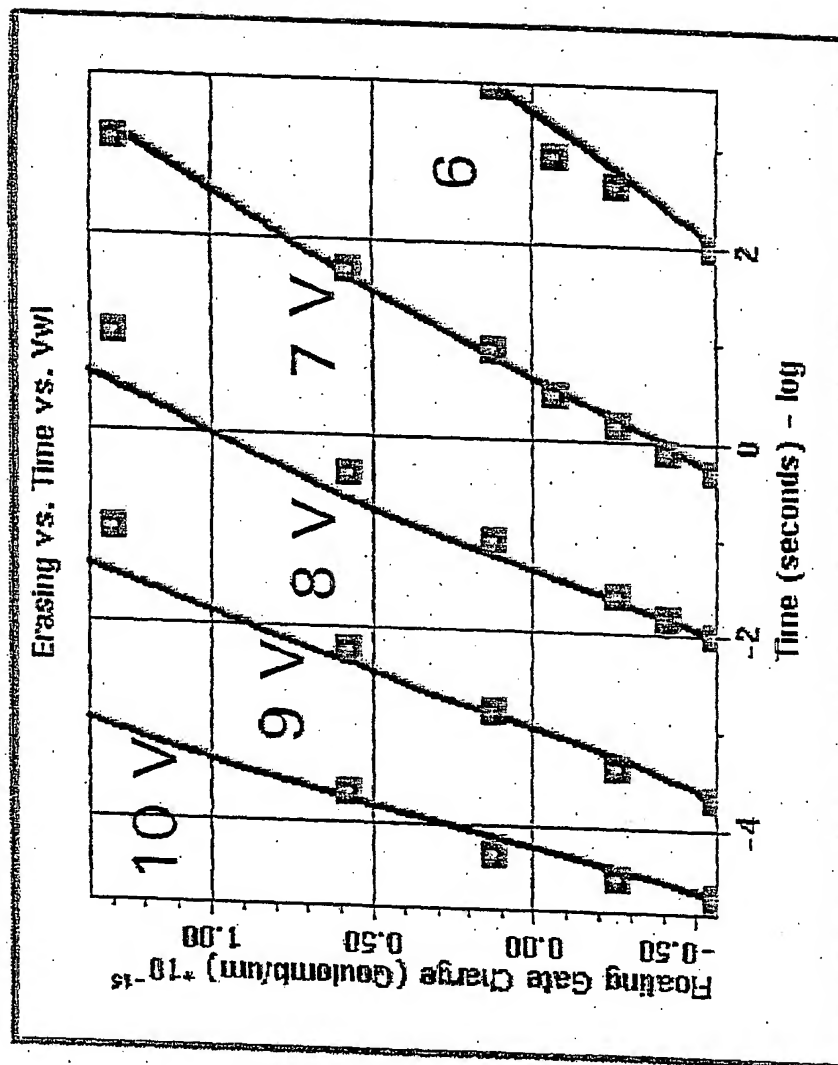


FIG. 2C



FG charge VS. Erasing time VS. Erasing voltage
(squares - experimental, solid lines - simulated)

FIG. 3

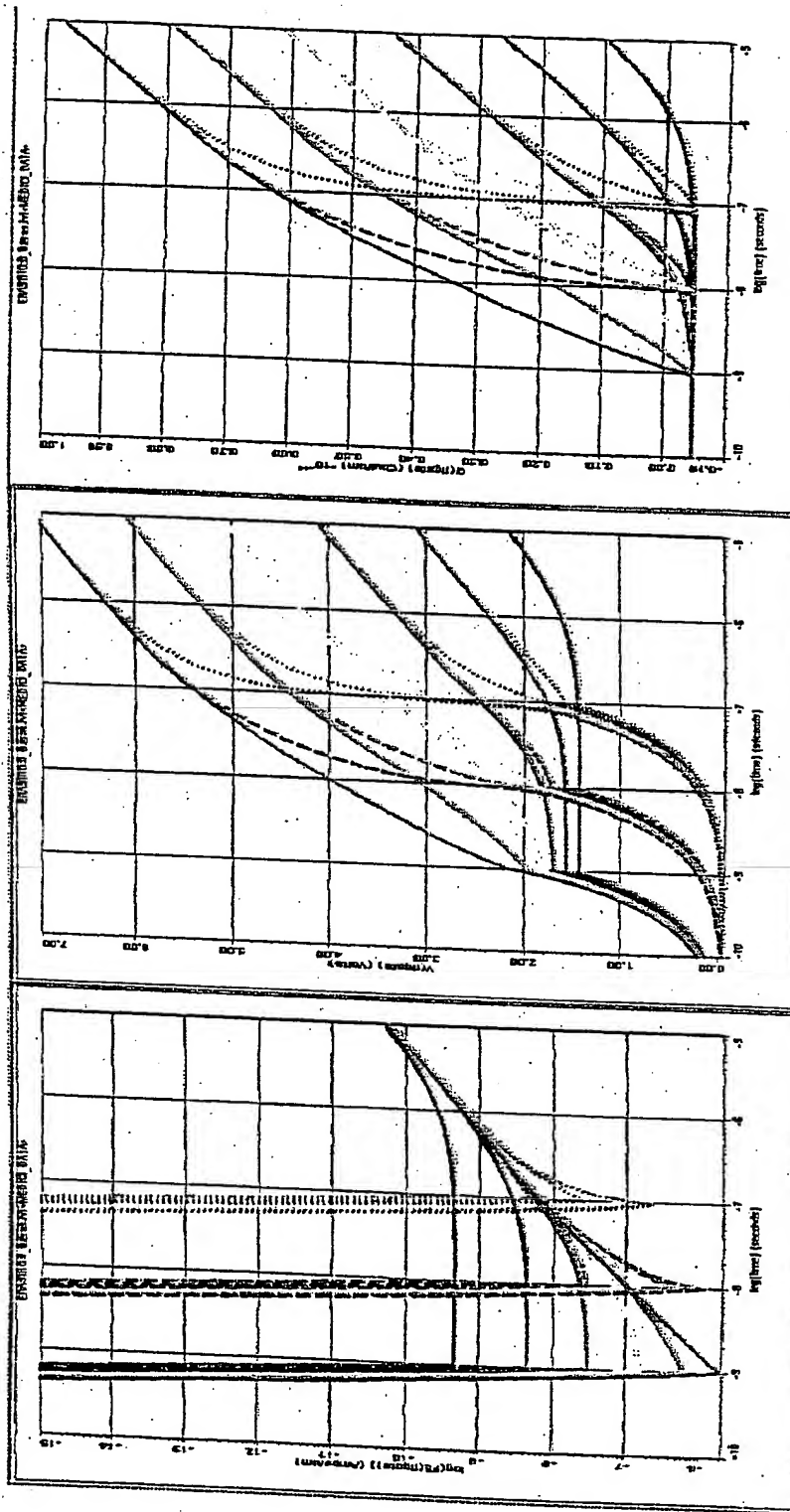


FIG. 4A

FIG. 4B

FIG. 4C

Pulse method.

- a) Erasing current VS. Time VS. Erasing voltage
- b) FG voltage VS. Time VS. Erasing voltage
- c) FG charge VS. Time VS. Erasing voltage

10V, 11V, 12V, 14V, 15V

solid - 1 ns, dashed - 10 ns, dotted 100 ns

FIG. 5A

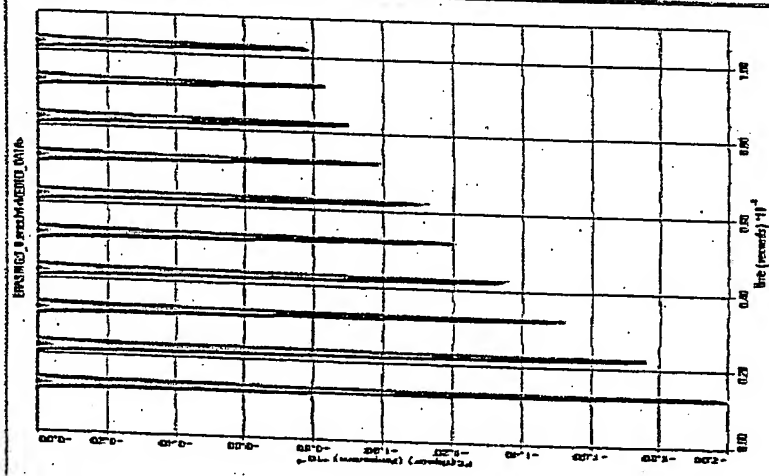


FIG. 5B

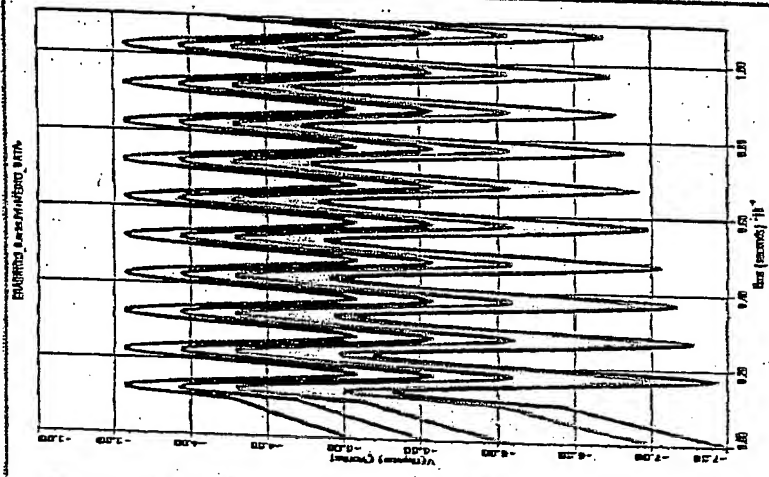
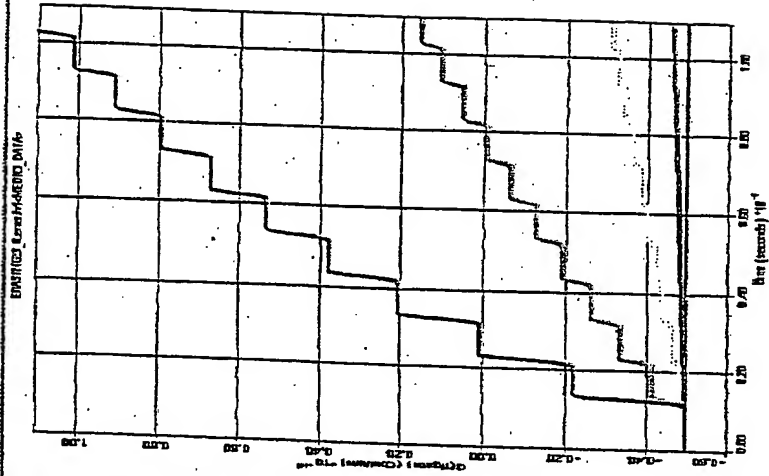


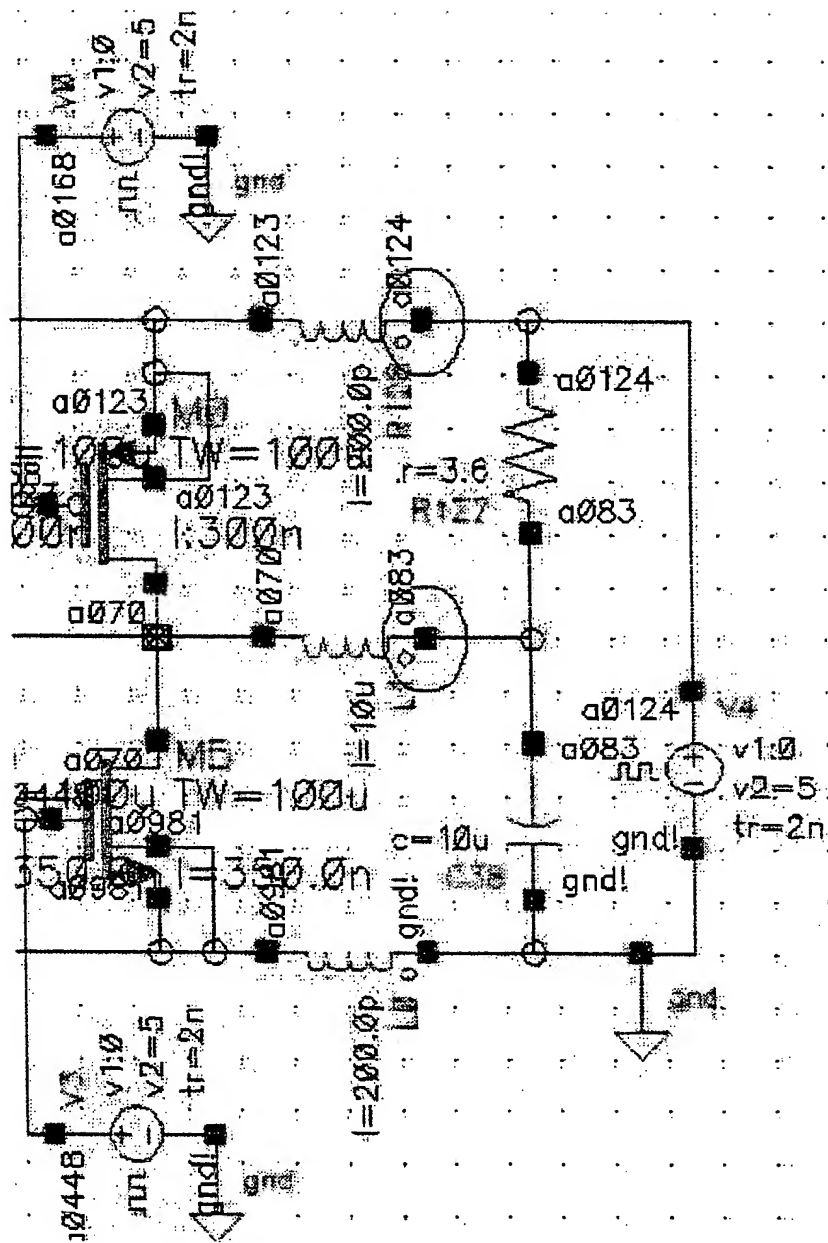
FIG. 5C



RF method.

- c) Erasing current VS. Time VS. Erasing voltage
- d) FG voltage VS. Time VS. Erasing voltage
- e) FG charge VS. Time VS. Erasing voltage

10V, 11V, 12V, 14V, 15V



Example of the circuit for pulse generation

FIG. 6

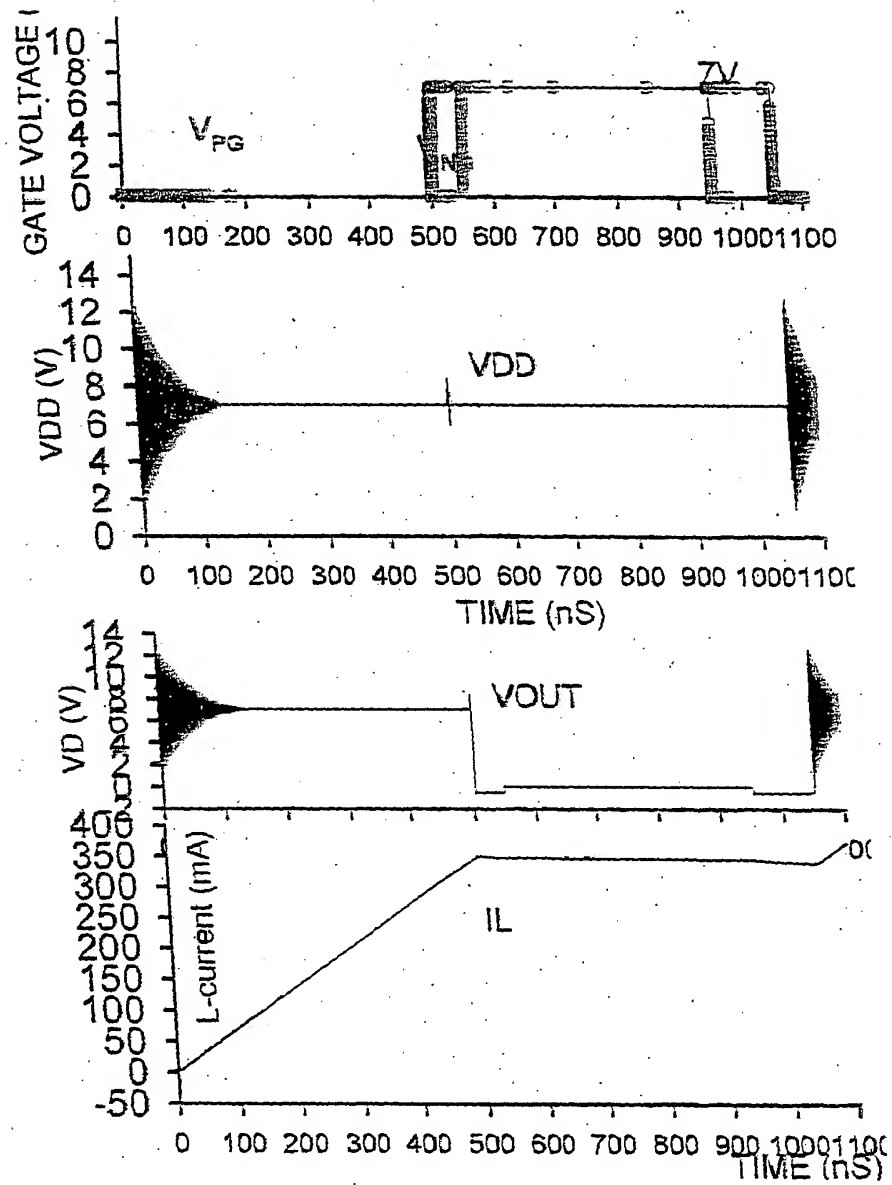


FIG. 7